

Work Order ID 128807

Tuesday, January 27, 2015 7:48:31 AM

128807

Page 1

Item ID: D4934-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Blade Assembly
 Start Date: 1/26/15 Start Qty: 2.00 ***2*** Cust Item ID:
 Required Date: 1/26/15 Req'd Qty: 2.00 ***2*** Customer:
 Reference:

Approvals: Process Plan: MLS Date: 15-01-28 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4934	A								

110 Weld per dwg A/R Steel rod Batch: M123827 0.00
110
 Large Fab Memo 0.00
 Large Fab Clean with wash & wipe to remove oil

6 15-3-4

120 QC9- Inspect visual per QSI004- Fusion Welds 0.00
120
 QC Memo 0.00
 Quality Control

(6) 15-03-06 68-6
6
SV0

130 QC5- Inspect part completeness to step on W/O 0.00
130
 QC Memo 0.00
 Quality Control VERIFY TENSILE STRENGTH AFTER WELDING AS PER DWG NOTE 8

(6) 15-03-06 68-6
6
SV0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Work Order ID 128807

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Item ID: D4934-041

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Blade Assembly

Start Date: 1/26/15 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 1/26/15 Req'd Qty: 2.00 *2*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

170

QC21- Final Inspection - Work Order Release

0.00

170

QC

Memo

0.00

Quality Control

MLJ 150316

MF
15-3-16

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Picklist Print

Tuesday, January 27, 2015 7:48:31 AM

Page 1

Work Order ID: 128807

128807

Parent Item: D4934-041

D4934-041

Parent Item Name: Blade Assembly

Start Date: 1/26/15

Required Date: 1/26/15

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 13.09.06 new issue DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D2741-NP		Manufactured	No				Each	11.0000		2			
D2741-NP									**				
Blade (No paint)													

Location Loc Qty Loc Code

WA002 11
117185 11

D4932-1-048		Manufactured	No				Each	81.0000		2			
D4932-1-048									**				
KWS Carbide Wear Strip, 4.8" Long													

Location Loc Qty Loc Code

WA002 81
117743 81

DQA: _____ Date: _____



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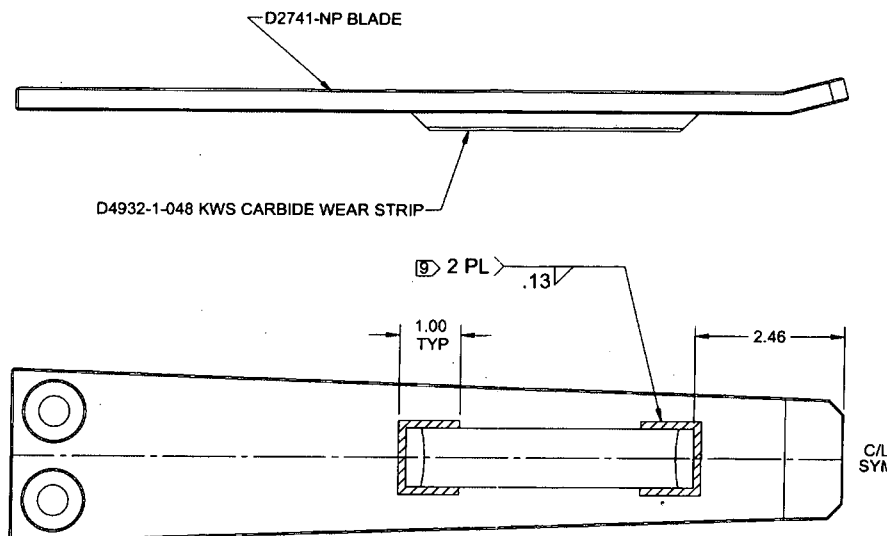
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ITEM	QTY -041	P/N	DESCRIPTION
	X	D4934-041	BLADE ASSY
1	1	D2741-NP	BLADE
2	1	D4932-1-048	KWS CARBIDE WEAR STRIP



D4934-041 BLADE ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" PER DART QSI 005 4.3.5.2 (EXCEPT FOR CARBIDE FACE)
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.030 TO 0.060 MAX
- 6) IDENTIFICATION: WITH DART P/N "D4934-041" PER DART QSI 044 METHOD 6.1
- 7) WEIGHT: 4.12 LBS
- 8) VERIFY TENSILE STRENGTH (AFTER WELDING) BY HARDNESS TEST PER ASTM E18 TO 34-40 HRC
- 9) WELDING: PER QSI 004

A	NEW ISSUE	DB	13.08.28
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	A.P.	DRAWING NO.	REV. A
MFG. APPR.	DB	D4934	SHEET 1 OF 1
APPROVED	DB	TITLE	SCALE
DE APPR.	DB	BLADE	NTS
DATE	13.08.28	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

RELEASED
2014-04-04
128807ML5
1501-28